



# ENVIRONMENTAL QUALITY CONTROL COMMITTEE



*10 May2012*

**Directorate of Public Works  
Environmental Division  
(DPW-ED)**





## AGENDA

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- ☐ **Environmental Update - Mr. Mick Butler**
- ☐ **902<sup>nd</sup> Military Intelligence Group - Mr. Jodie Lawson**
- ☐ **Picerne Military Housing Group - Ms. Meagan Murray**
- ☐ **Public Affairs Office - Mr. Chad Jones**
- ☐ **DPW, ED - EPAS audit update - Mr. Arthur Frechette**
- ☐ **Earth Day Recap and AARs - Ms. Sheila Chambers**



# Environmental Quality Control Committee (EQCC)

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## 902<sup>ND</sup> MI GROUP Environmental Brief

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**10 May 2012**

**Mr. Jodie Lawson  
Assistant Building Manager  
Hazardous Materials / Waste  
officer**

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## Agenda



1. Introduction

2. Progress

3. Plans for Future

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## Introduction

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- Staff of 1,000 comprised of DOD employees, contractors and service members
- 902nd occupies 8 buildings on Fort Meade
- Ribbon cutting ceremony was held April 19<sup>th</sup> for the new 902<sup>nd</sup> Group Headquarters, Building 2600

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## Current Status

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- The 902<sup>nd</sup> are tenants in 7 of the 8 buildings
- Seven buildings (excluding Bldg 2600) are under the Energy Savings Performance Contract (ESPC)
- ESPC was awarded to Vir-Pepco on June 29, 1999
- Encompasses lighting retrofits, air handling systems, gas fired boilers and ultra-low-flow plumbing fixtures to reduce annual energy consumption



## Current Status

- All 8 buildings participate in the recycling program
- Cardboard, plastic bottles, aluminum cans
- Due to sensitive material, paper can not be recycled and is burned or shredded



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## Current Status

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- The reclaiming of abandon light fixtures containing PCB's continues
- Goal is to remove all light fixtures and all ballasts containing PCB'S from the buildings it occupies
- The 902<sup>nd</sup> has removed and turned in 1,060 pounds of ballast containing PCB's year to date
- Result is cleaner and safer buildings for employees



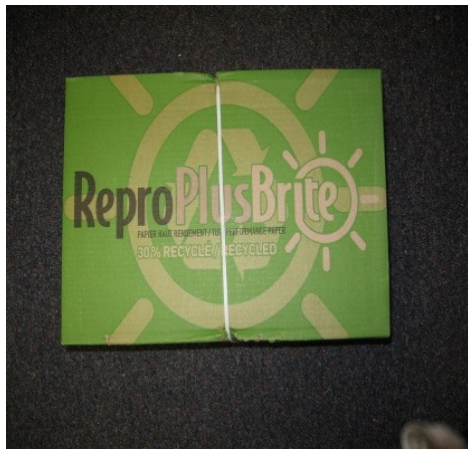
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## Facilities



- The 902<sup>nd</sup> encourages green procurement practices
- Uses 30% post consumer printing paper when possible



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## Energy Conservation

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- All computer monitors, copy machines, fax machines and digital scanners are turned off at the end of each day
- The use of email is encouraged rather than faxing or printing when possible

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## Energy Conservation at building 2600

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- Water-efficient equipment and appliances in kitchens and bathrooms significantly reduce water consumption without decreasing performance
- Reduces water consumption by up to 88%

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## Energy conservation at Building 2600

- All lighting is on sensor controls to turn off in three minutes if no one is in the rooms
- EASI system controls all HVAC equipment to maximize energy efficiency and indoor air quality
- CO<sub>2</sub> levels are constantly monitored and automatically adjusted as needed to keep proper levels
- The system utilizes free cooling in winter and on low humidity days

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## Plans for Future

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- Continue to minimize energy consumption, atmospheric emissions, discharge of harmful wastes, and negative impacts of site ecosystems

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## Questions ?

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## Picerne & RCI

### Topics

- Picerne Sustainability Efforts and Green Initiatives
- Program Updates
- Live Army Green—Aimee Stafford



## Site and Development Program

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- **Demolition projects**
  - Concrete slabs and bricks are crushed and reused for road grading instead of sending materials to landfills
  - All copper products are collected for recycling
  - Recycle florescent light fixture tubes and PCB light ballasts
  - Collect and recycle mercury thermostat ampoules
  - Recycle refrigerants from compressors and refrigerators





## Site and Development Program

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- **Road Work Improvement Projects**
  - Road Milling / asphalt pavement material are removed from paved surfaces and reprocessed (recycled)
- **2-1 Tree Program**
  - Every tree taken down is replaced at 2:1 ratio
- **Storm Water and Erosion**
- **Filter Water Inlets**



## Construction

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- **Recycle all blueprints and white paper**
- **Energy Star Leading Partner - Build to Energy Star standards**
- **Use and Install Energy Star rated appliances**



## Play Ground—Meuse Forest

**As part of our sustainability efforts, Picerne installed an environmentally-friendly playground at Clark Road in the newly constructed Meuse Forest Community.**

**More than 75% of the entire play structure is made of recycled plastic material.**





## Property Management Highlights

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### Maintenance

- Participate in refrigerant recovery program
- Replace incandescent bulbs throughout properties with CFL bulbs that are more energy efficient
- Improved recycling of alkaline batteries, mercury florescent bulbs
- Utilize CFC certified contractor to service or recycle appliances at

### Landscaping

- Landscaping company performs seasonal composting of leaves and reuses the material in garden beds and for amending soil prior to seeding.
- Collect natural Christmas trees after the holiday season to chip and reuse for mulching in native areas



## Property Management Highlights

- **Community Recycling Program**
  - Trash Compactor Stations and neighborhood collection sites are serviced by Republic Waste
  - Upgrading collection stations to better serve resident recycling needs
  - All residents receive standard recycle bins
  - Pilot program to provide larger 50-gallon bins upon resident request





- Picerne opened virtual online university to provide employees with paperless online training
- Use recyclable products in offices
- Black and white print campaign company-wide
- Exploring resident e-newsletter
- Stopped using balloons and helium
- Use local vendors
- Encourage and participate in ride-sharing
- Green Corner in Resident Newsletters





## Company Initiatives

- **Recycling Collection Containers**
  - All team members participate in the recycling of plastic, paper and glass products. Implementing recycle containers to be placed throughout all office buildings, neighborhood offices and throughout the community.
- **Printer Cartridge Recycling Program**
  - We participate in Staples Advantage Recycling Program





## Community Initiatives

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- Participation in Installation-wide activities
  - Earth Day, Energy Awareness Month, etc.
- Participate in Environmental Management committee meetings
- Support community clean-up initiatives





## Picerne & RCI

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### Program Updates

- Ten-year anniversary of privatized family housing program
  - 300,000 work orders completed at Fort Meade
  - Built 856 new homes, renovated more than 1,700 homes
- Current and Ongoing Work
  - Working on out-year plan



## Live Army Green Program

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### Participation in DA Live Army Green Program

- Army Mandated and Congressionally Supported program encouraging service members to be more conscious of their energy usage.
- Metered homes only
- How the program works:
  - Monthly baseline
  - 10% buffer
  - \$25 Trigger Point



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## Picerne & RCI

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# Questions?



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## Public Affairs Office

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### Briefing Topics

- **Energy Usage**
- **Conservation Efforts**
- **Environmental Communication Plans**
  - Website
  - Publications
  - Public Meetings
  - Odenton Water Testing
  - Manor View



## Public Affairs Office

- **Public Affairs energy usage is high (7 employees and 4 contractors)**
  - **Computers with multiple monitors**
  - **Graphics equipment**
  - **Video production equipment**
  - **Color printers**
- **Conservation efforts**
- **Lights and unnecessary equipment turned off**
- **Recycling stations utilized**
- **Large amounts of paper for newspaper production and old papers**
  - all recycled
- **Soundoff! printed on recycled paper**
- **Numbers and distribution of papers and installation guides**
  - monitored
- **Soundoff! staff and one employee telecommute**
  - One employee on a flex schedule



## Environmental Communication Plans

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- **Complete redesign of website and transfer of website content**
  - **Direct link from FGGM homepage**
  - **Change to internal production saved significant budget dollars**
- **Frequent Soundoff!/Facebook/External release articles**
- **Manor View series**
- **Environmental planning for NSA campus**
- **Earth Day and other environmental initiatives**
- **RAB meeting announcements**
  - **Soundoff!, website, Facebook**
  - **External press releases**
  - **Membership drive successful**
  - **Prepared to recruit for Phoenix site**



## Environmental Communication

- **Odonton water testing Plans**
  - Internal Communication (Soundoff!, Facebook)
  - Public meetings
  - Press releases
  - Response to media queries
  - External reporting neutral and balanced
- **Manor View Excavation**
  - Internal Communication (Soundoff!, Facebook, Commander briefings)
  - Public meetings - general public, Commander outreach with community partners
  - Press Releases (Capital Gazette, Patch.com)
  - Response to media queries
  - External reporting neutral and balanced

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## PAO

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# Questions?





## EPAS Findings Status - Arthur Frechette

<u>FINDINGS</u>	<u>PENDING</u>	<u>Complete</u>
<b>21- Class I</b>	8	13
<b>1 - Class II</b>	1	0
<b>16 - Class III</b>	9	7
<hr/> 38 Total	<hr/> 18	<hr/> 20

**Class I** - Noncompliance with existing Federal, State or local regulation

**Class II** - Potential noncompliance with future regulatory requirement

**Class III** - Noncompliance with Army/DoD regulation or BMP



## EARTH DAY - After Action

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### Remarks

- Establish event date ASAP (tentative date is 18 April 2013)
- Consider Pavilion for location vs. Burba Park (rain or shine)
- Consider combining event with Family Fun Fair (weekend event)
- Communicate earlier with schools to get on their calendar to budget for busing



## **EARTH DAY - After Action Remarks**

- Establish strategic event timeframes (e.g. tug-O-war competitions each hour)
- Use megaphone or PA system to announce various activities throughout the day
- Explore Shuttle Service to event
- Communicate DINFOS student volunteer schedule, including meals and level of support
- ~~Verify attendee map distribution to increase awareness of~~



## Next EQCC Meeting - August 23, 2012

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### **AGENDA**

- **Asymmetric Warfare Group (AWG)**
- **Directorate of Family and Morale, Welfare and Recreation**
- **Directorate of Emergency Services**
- **Directorate of Logistics**

**Meeting will be held 0900 to 1100  
at McGill Training Center, Room #1**